

FIG. 2B

Cloning Step 2

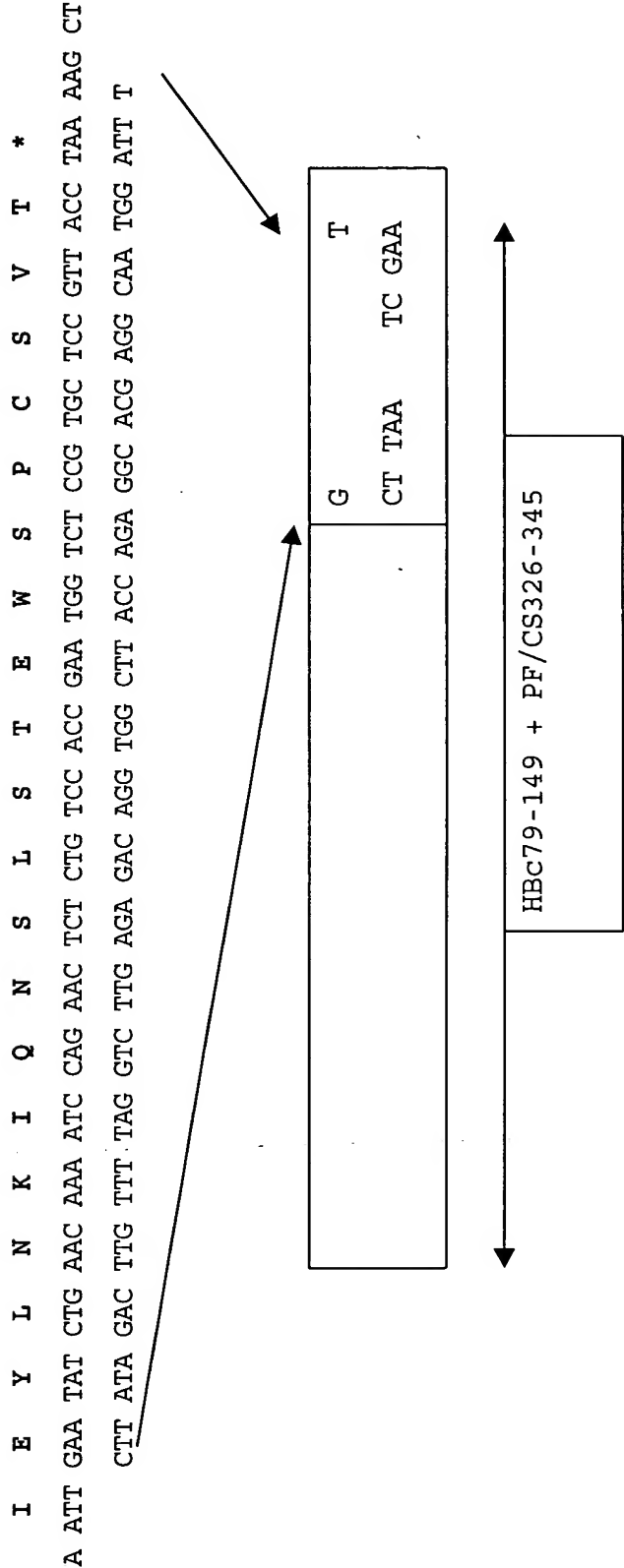
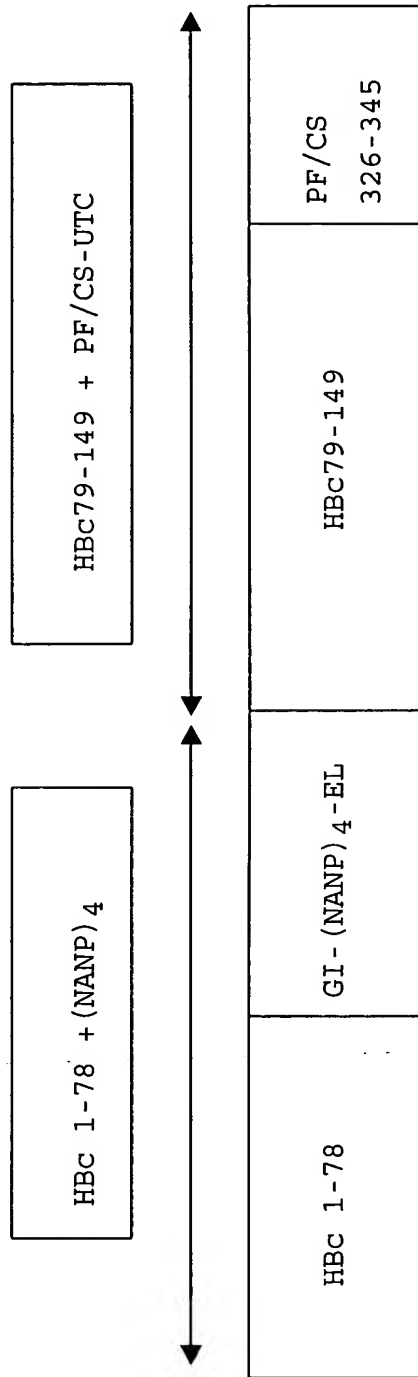
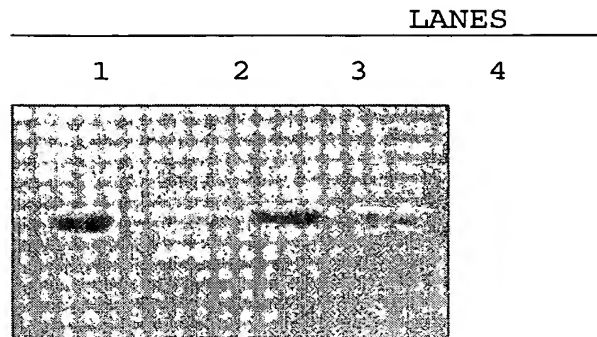


FIG. 2C

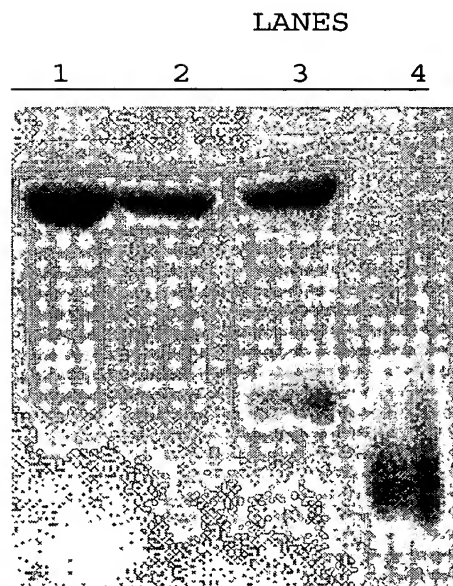
Cloning Step 3



**FIG. 3**

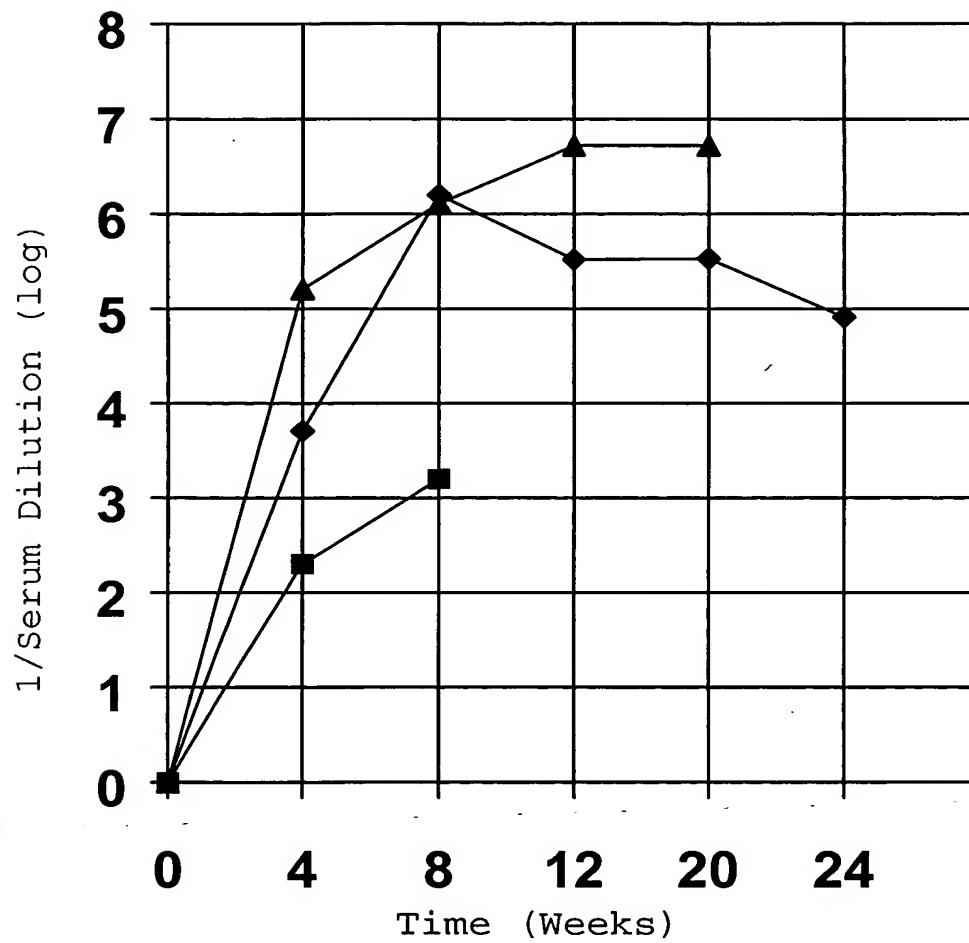


**FIG. 4**



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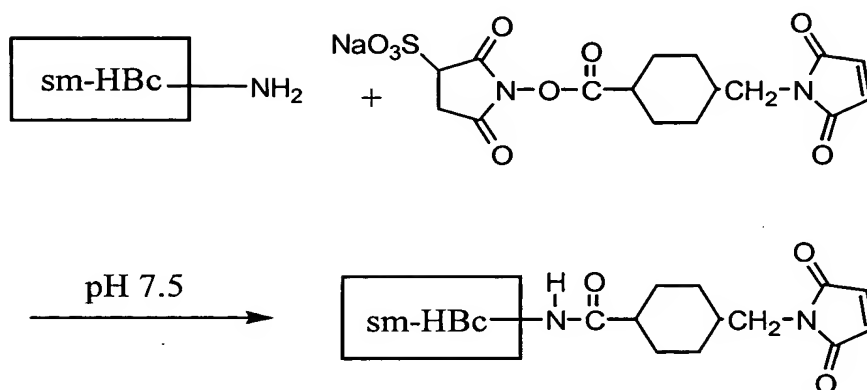
FIG. 5



**FIG. 6**

**Scheme 1**

**I**



**II**

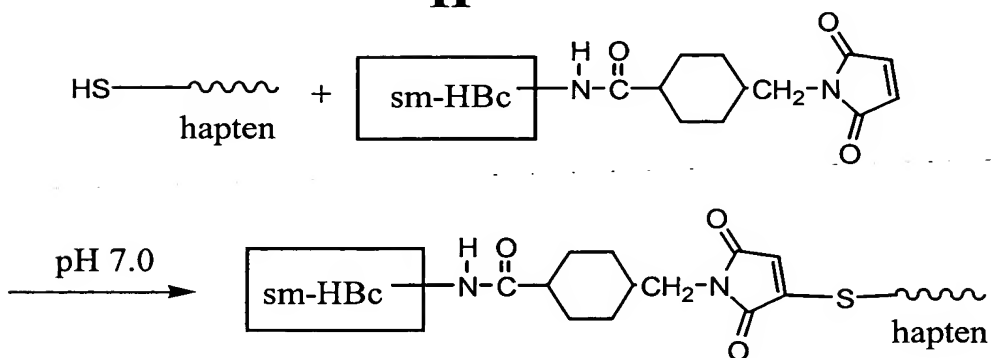


FIG. 7A

Ground Squirrel	mylfhlclvf acvpctvqa sklclglwd
1	
HBc AYW	mdidpykefg atvellsflp sdffpsvrdl ldtasalyre
HBc ADW	mdidpykefg atvellsflp sdffpsvrdl ldtasalyre
HBc ADW2	mdidpykefg atvellsflp sdffpsvrdl ldtasalyre
HBc ADYW	mdidpykefg atvellsflp sdffpsvrdl ldtaaalrdr
Woodchuck	mdidpykefg ssyqlnflp ldffpdlnal vdtatalyee
Ground Squirrel	mdidpykefg ssyqlnflp ldffpdlnal vdtaaalyee
41	
HBc AYW	alespehcsp hhtalrqail cwgelmtlat wvgvnledpa
HBc ADW	alespehcsp hhtalrqail cwgelmtlat wvgnnlqdp
HBc ADW2	alespehcsp hhtalrqail cwgelmtlat wvgnnledpa
HBc ADYW	alespehcsp hhtalrqail cwgdlnltlat wvgtnledpa
Woodchuck	eltgrehcsp hhtairqalv cwdeitklia wmsnitseq
Ground Squirrel	eltgrehcsp hhtairqalv cweeltrlit wmsntteev

**FIG. 7B**

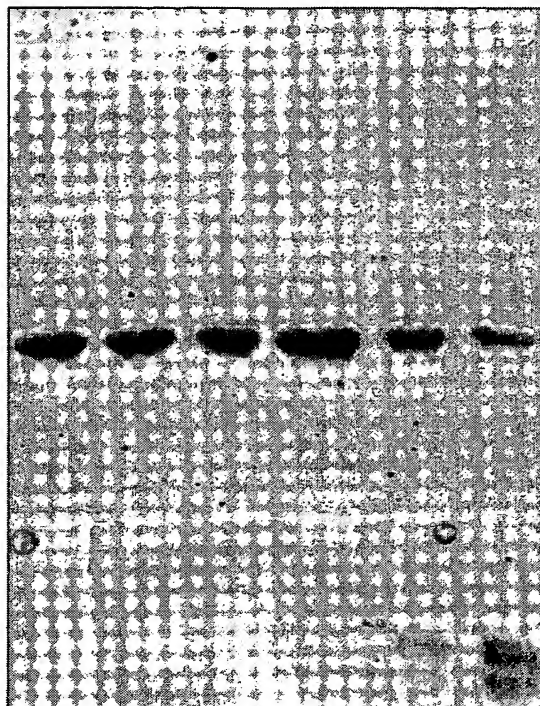
81

HBC	AYW	srdlvvsyvn	tnmglkfrql	lwfhiscltf	gretvielelv
HBC	ADW	srdlvvnyvn	tnmglkirql	lwfhiscltf	gretvleylelv
HBC	ADW2	srdlvvnyvn	tnvglkirql	lwfhiscltf	gretvleylelv
HBC	ADYW	srdlvvsyvn	tnvglkfrql	lwfhiscltf	gretvleylelv
Woodchuck		vrtiivnhvn	dtwglkvrqs	lwfhlsccltf	gqhtvqgefvlv
Ground Squirrel		rriivdhvnn	twglkvrqt1	wfhlsccltf	gqhtvqgefvlvs



**FIG. 8**

<u>V12.Pf1</u>			<u>V12.Pf1 (C17A) C150</u>		
<u>DAYS</u>					
0	7	14	0	7	14



**FIG. 9**

**1 2 3 4 5**

